

Title (en)  
IMAGE DISPLAY

Title (de)  
BILDANZEIGEVORRICHTUNG

Title (fr)  
DISPOSITIF D'AFFICHAGE D'IMAGE

Publication  
**EP 1659788 A1 20060524 (EN)**

Application  
**EP 04735652 A 20040601**

Priority  
• JP 2004007891 W 20040601  
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Abstract (en)  
An image display device which has a display element that optically modulates an incident light for displaying an image. A lamp is a light source of the incident light to the display element. A lamp driver drives the lamp. A lamp power level calculator calculates a driving power level of the lamp corresponding to a level of an input video signal. A lamp temperature controller controls a lamp temperature depending on changes in the input signal from the lamp power level calculator so as to change the lamp temperature within a predetermined range in response to fluctuations of the input video signal. This image display device can further include a projection lens for projecting and displaying images formed in the display element on a screen.

IPC 1-7  
**H04N 5/74**

IPC 8 full level  
**H04N 5/74** (2006.01); **H05B 37/02** (2006.01); **H05B 41/36** (2006.01); **H05B 41/39** (2006.01)

CPC (source: EP US)  
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Cited by  
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DE FR GB

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**US 2005242741 A1 20051103; US 7088058 B2 20060808**; CN 1698360 A 20051116; CN 1698360 B 20100818; EP 1659788 A1 20060524; EP 1659788 A4 20090701; JP 4003796 B2 20071107; JP WO2005009035 A1 20060907; WO 2005009035 A1 20050127

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